

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101723\
 Data File : PP061017.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2023 15:43
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 15:57:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP101323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 14 13:32:01 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.552	3.688	117.7E6	65997751	53.547	48.815
2)	SA Decachlor...	10.510	8.753	86447107	70163430	55.203	46.666
Target Compounds							
3)	L1 AR-1016-1	5.743	4.787	37026352	25046068	515.761	481.245
4)	L1 AR-1016-2	5.766	4.806	53685434	34329721	523.403	479.338
5)	L1 AR-1016-3	5.831	4.984	36357026	19491154	581.804	482.369
6)	L1 AR-1016-4	5.930	5.026	26823007	15473678	525.082	478.377
7)	L1 AR-1016-5	6.229	5.242	26766330	20170080	529.409	483.077
8)	L2 AR-1221-1	4.759	3.904	3865534	2648248	137.617	129.830
9)	L2 AR-1221-2	4.852	3.992	5767626	3769976	277.699	256.636
10)	L2 AR-1221-3	4.930	4.069	20239825	13427995	327.991	320.172
11)	L3 AR-1232-1	4.930	4.069	20239825	13427995	400.092	388.839
12)	L3 AR-1232-2	5.471	4.806	27266118	34329721	1022.242	1038.094
13)	L3 AR-1232-3	5.766	4.984	53685434	19491154	1143.995	1051.833
14)	L3 AR-1232-4	5.930	5.068	26823007	19173961	1146.471	1141.401
15)	L3 AR-1232-5	6.022	5.242	24158822	20170080	1239.642	1073.748
16)	L4 AR-1242-1	5.743	4.787	37026352	25046068	659.087	620.447
17)	L4 AR-1242-2	5.766	4.806	53685434	34329721	674.866	627.000
18)	L4 AR-1242-3	5.831	4.984	36357026	19491154	732.348	627.429
19)	L4 AR-1242-4	5.930	5.068	26823007	19173961	671.480	610.286
20)	L4 AR-1242-5	6.678	5.597	3823428	16133258	94.229	412.615 #
21)	L5 AR-1248-1	5.743	4.787	37026352	25046068	852.742	811.225
22)	L5 AR-1248-2	6.022	5.026	24158822	15473678	373.628	353.222
23)	L5 AR-1248-3	6.229	5.068	26766330	19173961	381.204	413.634
24)	L5 AR-1248-4	6.637	5.242	3878100	20170080	50.756	364.874 #
25)	L5 AR-1248-5	6.678	5.637	3823428	2641892	51.813	50.677
26)	L6 AR-1254-1	6.612	5.597	20926914	16133258	264.599	208.814
27)	L6 AR-1254-2	6.832	5.745	21645145	15232918	181.697	219.855
28)	L6 AR-1254-3	7.205	6.168	11500473	27960215	94.004	247.104 #
29)	L6 AR-1254-4	7.493	6.382	7149525	2914535	81.227	42.418 #
30)	L6 AR-1254-5	7.915	6.802	65138672	53815040	655.978	503.089
31)	L7 AR-1260-1	7.370	6.283	46879853	38151607	500.823	461.042
32)	L7 AR-1260-2	7.629	6.473	53902018	44749884	496.484	454.440
33)	L7 AR-1260-3	7.993	6.627	34929801	43178661	502.574	456.590
34)	L7 AR-1260-4	8.226	7.102	43190340	32805936	506.292	457.720
35)	L7 AR-1260-5	8.562	7.344	81924545	76023705	507.765	453.278
36)	L8 AR-1262-1	7.993	6.895	34929801	18188862	278.095	381.557 #
37)	L8 AR-1262-2	8.562	7.102	81924545	32805936	370.273	311.472
38)	L8 AR-1262-3	8.909f	7.631	53761546	15678402	357.999	187.276 #
39)	L8 AR-1262-4	8.989	7.694	12285070	55746434	108.618	368.656 #
40)	L8 AR-1262-5	9.694	8.194	19943232	17603579	265.051	248.716
41)	L9 AR-1268-1	8.909	7.631	53761546	15678402	206.321	65.350 #

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 Operator : YP\AJ
 Sample : AR1660CCC500
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 ALS Vial : 3 Sample Multiplier: 1

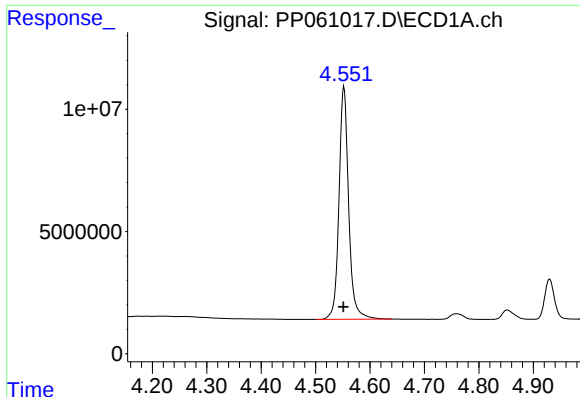
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 15:57:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP101323.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.989	7.694	12285070	55746434	52.395	259.822 #
43) L9	AR-1268-3	9.238	7.903	1860935	1336899	9.100	7.058
44) L9	AR-1268-4	9.694	8.194	19943232	17603579	247.601	229.727
45) L9	AR-1268-5	10.142	8.492	7570615	6437096	11.866	11.657

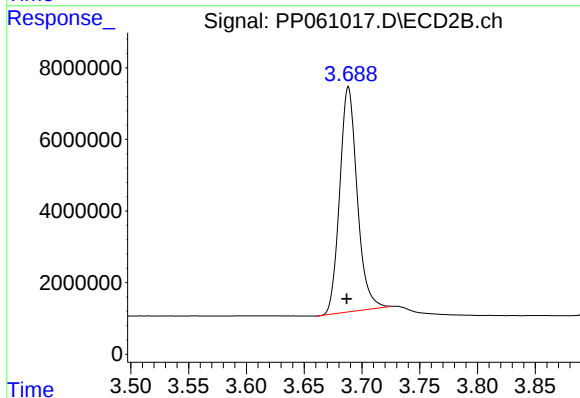
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

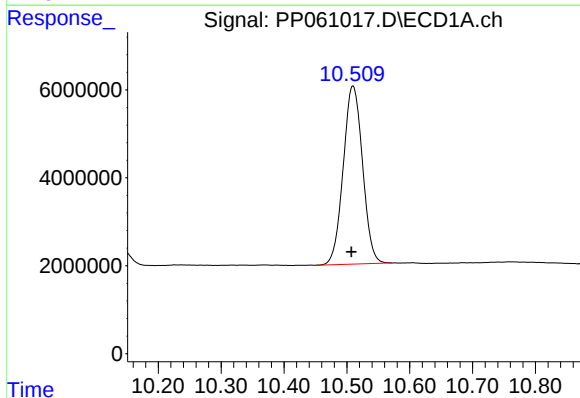
R.T.: 4.552 min
Delta R.T.: 0.001 min
Response: 117714884
Conc: 53.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



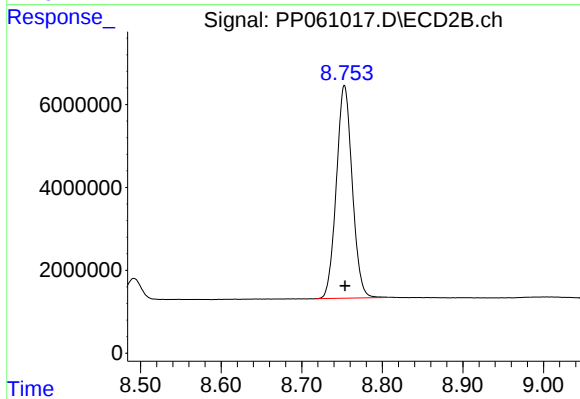
#1 Tetrachloro-m-xylene

R.T.: 3.688 min
Delta R.T.: 0.002 min
Response: 65997751
Conc: 48.81 ng/ml



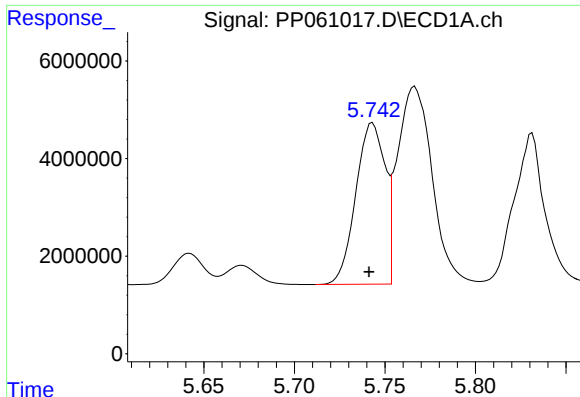
#2 Decachlorobiphenyl

R.T.: 10.510 min
Delta R.T.: 0.003 min
Response: 86447107
Conc: 55.20 ng/ml



#2 Decachlorobiphenyl

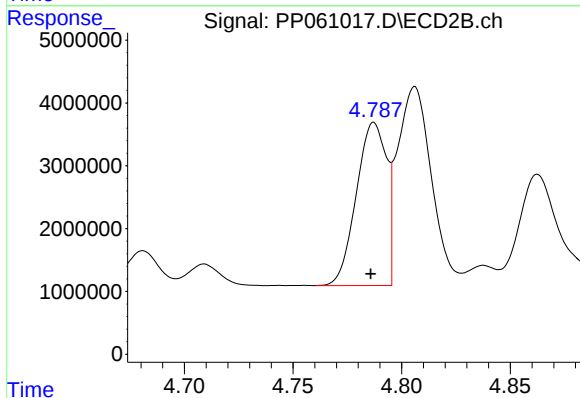
R.T.: 8.753 min
Delta R.T.: 0.000 min
Response: 70163430
Conc: 46.67 ng/ml



#3 AR-1016-1

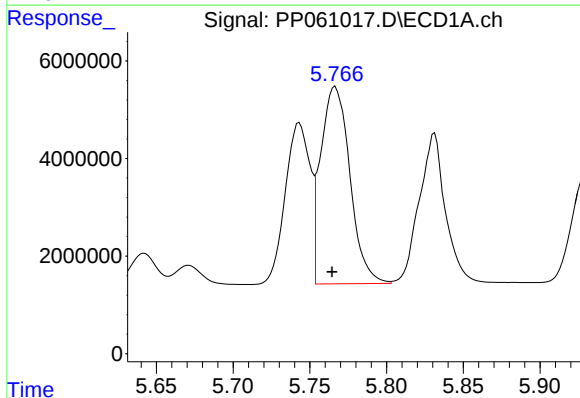
R.T.: 5.743 min
Delta R.T.: 0.002 min
Response: 37026352
Conc: 515.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



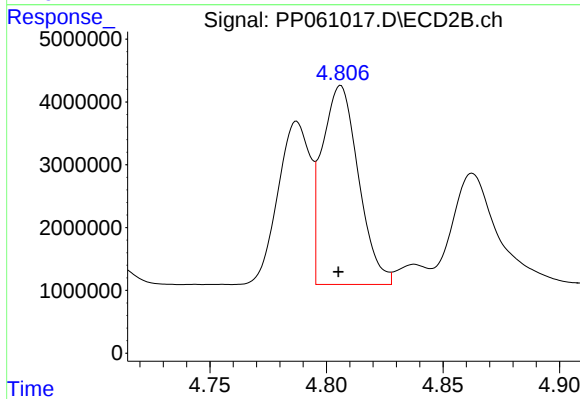
#3 AR-1016-1

R.T.: 4.787 min
Delta R.T.: 0.001 min
Response: 25046068
Conc: 481.25 ng/ml



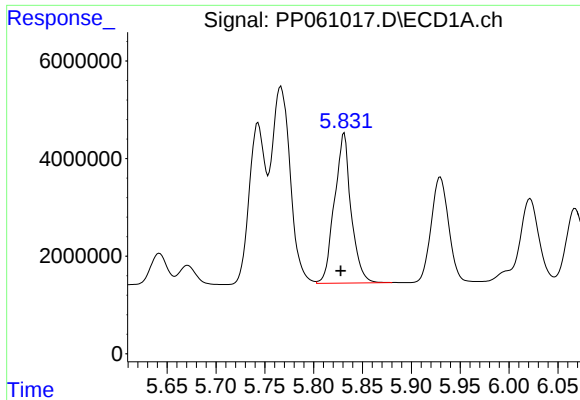
#4 AR-1016-2

R.T.: 5.766 min
Delta R.T.: 0.002 min
Response: 53685434
Conc: 523.40 ng/ml



#4 AR-1016-2

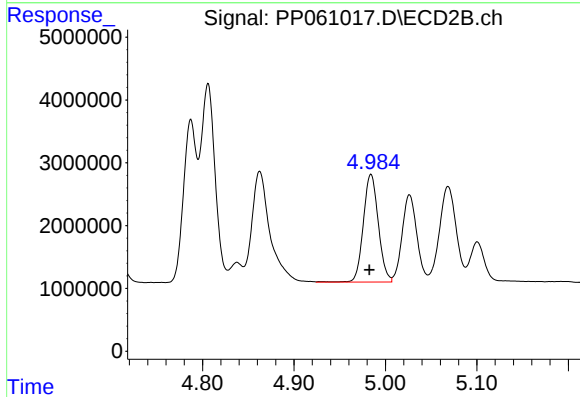
R.T.: 4.806 min
Delta R.T.: 0.001 min
Response: 34329721
Conc: 479.34 ng/ml



#5 AR-1016-3

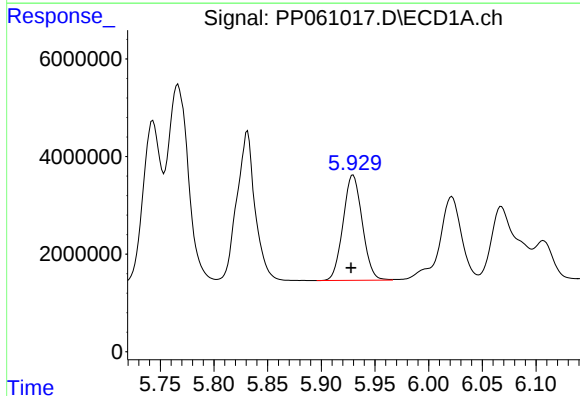
R.T.: 5.831 min
Delta R.T.: 0.004 min
Response: 36357026
Conc: 581.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



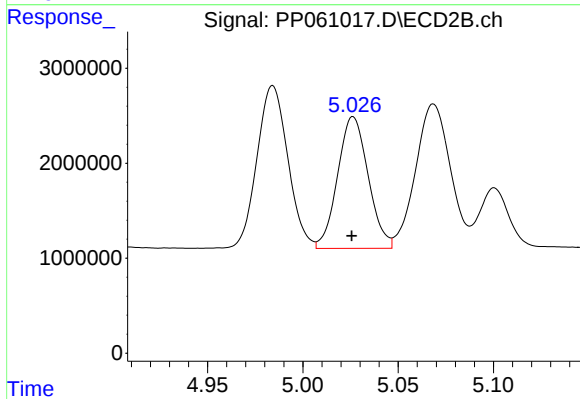
#5 AR-1016-3

R.T.: 4.984 min
Delta R.T.: 0.002 min
Response: 19491154
Conc: 482.37 ng/ml



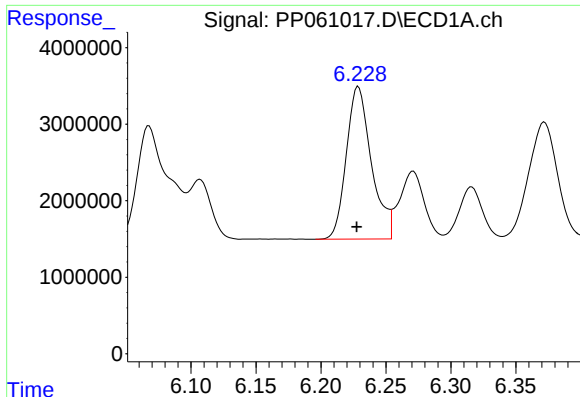
#6 AR-1016-4

R.T.: 5.930 min
Delta R.T.: 0.002 min
Response: 26823007
Conc: 525.08 ng/ml



#6 AR-1016-4

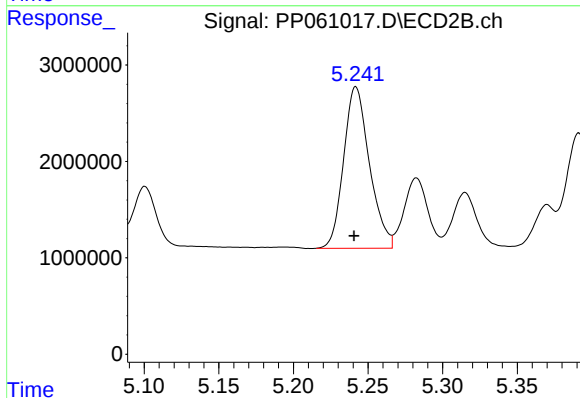
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 15473678
Conc: 478.38 ng/ml



#7 AR-1016-5

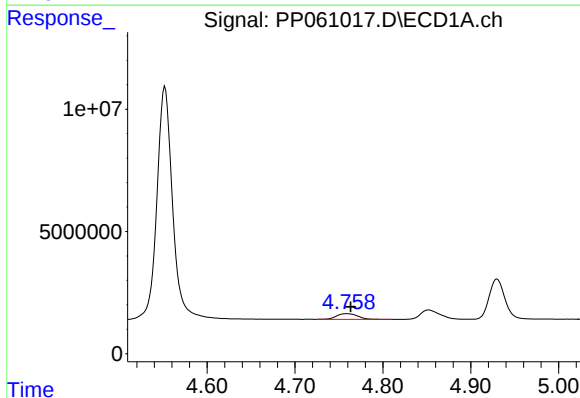
R.T.: 6.229 min
Delta R.T.: 0.001 min
Response: 26766330
Conc: 529.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



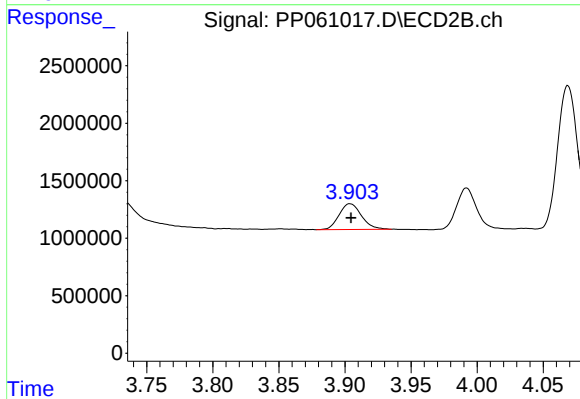
#7 AR-1016-5

R.T.: 5.242 min
Delta R.T.: 0.001 min
Response: 20170080
Conc: 483.08 ng/ml



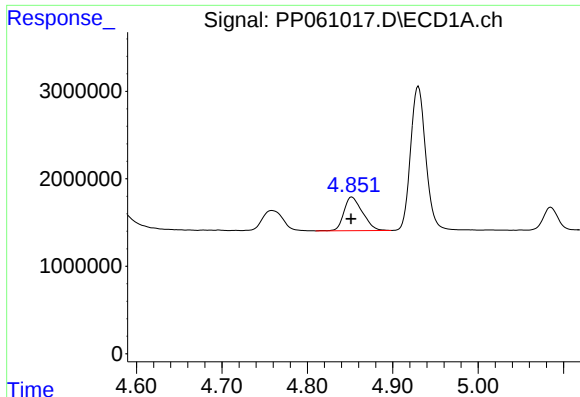
#8 AR-1221-1

R.T.: 4.759 min
Delta R.T.: -0.005 min
Response: 3865534
Conc: 137.62 ng/ml



#8 AR-1221-1

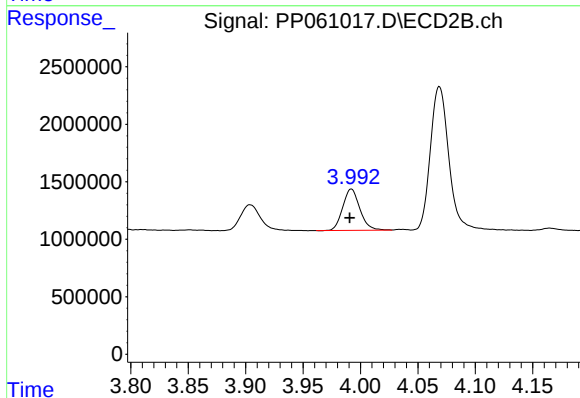
R.T.: 3.904 min
Delta R.T.: 0.000 min
Response: 2648248
Conc: 129.83 ng/ml



#9 AR-1221-2

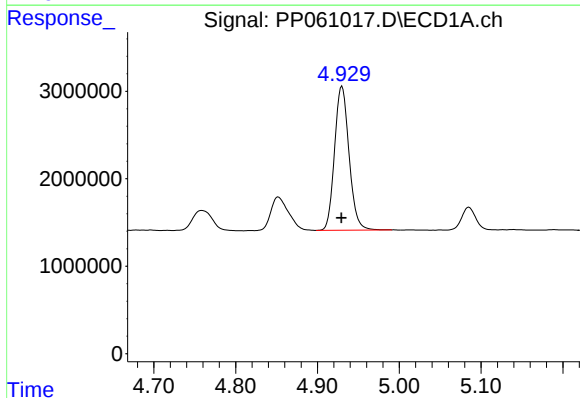
R.T.: 4.852 min
Delta R.T.: 0.001 min
Response: 5767626
Conc: 277.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



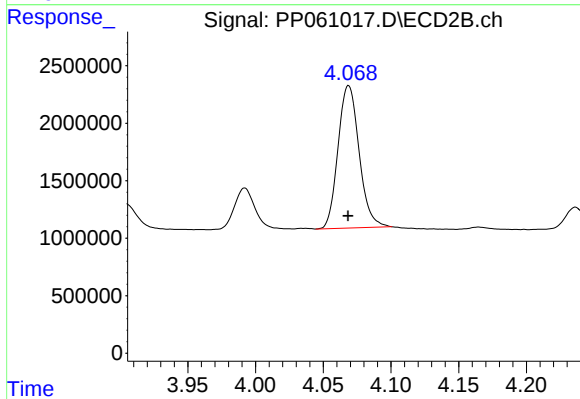
#9 AR-1221-2

R.T.: 3.992 min
Delta R.T.: 0.001 min
Response: 3769976
Conc: 256.64 ng/ml



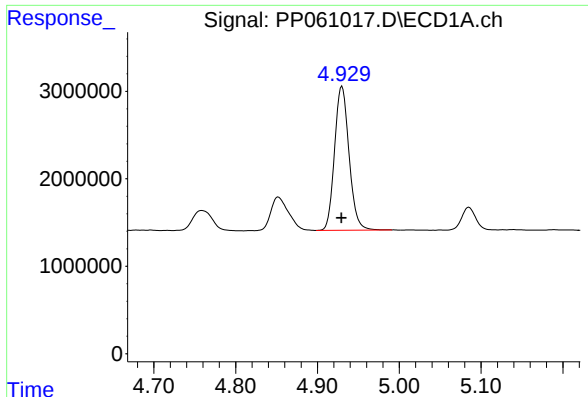
#10 AR-1221-3

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 20239825
Conc: 327.99 ng/ml



#10 AR-1221-3

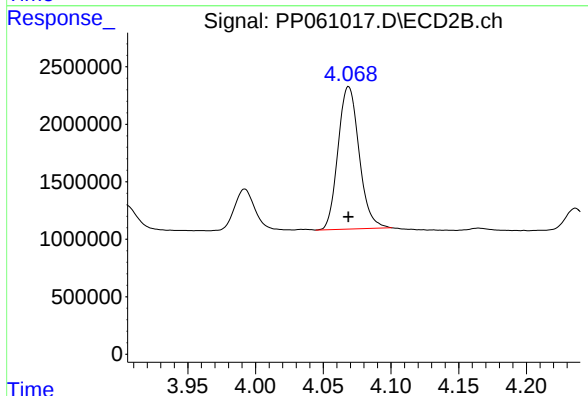
R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 13427995
Conc: 320.17 ng/ml



#11 AR-1232-1

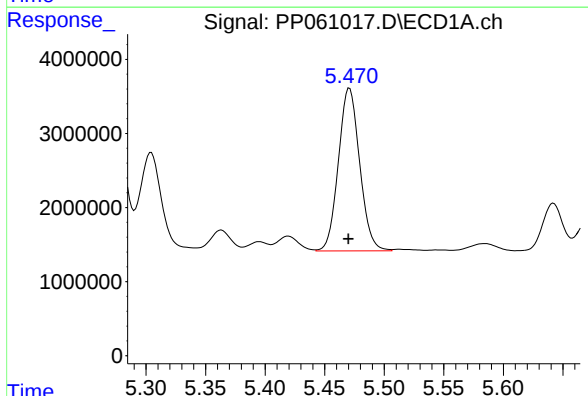
R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 20239825
Conc: 400.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



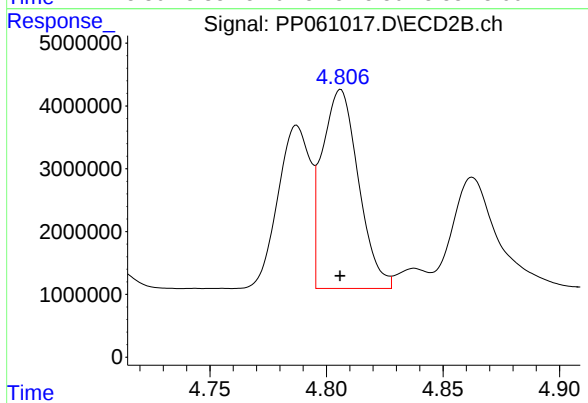
#11 AR-1232-1

R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 13427995
Conc: 388.84 ng/ml



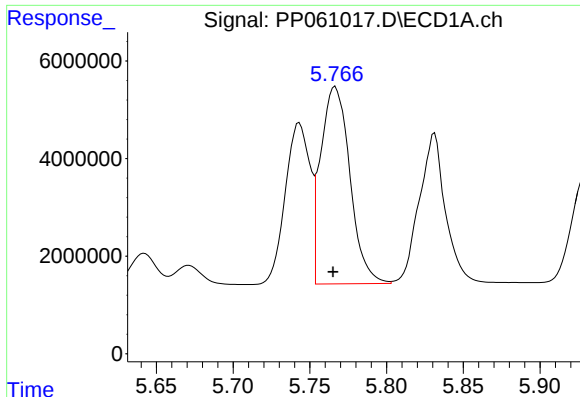
#12 AR-1232-2

R.T.: 5.471 min
Delta R.T.: 0.000 min
Response: 27266118
Conc: 1022.24 ng/ml



#12 AR-1232-2

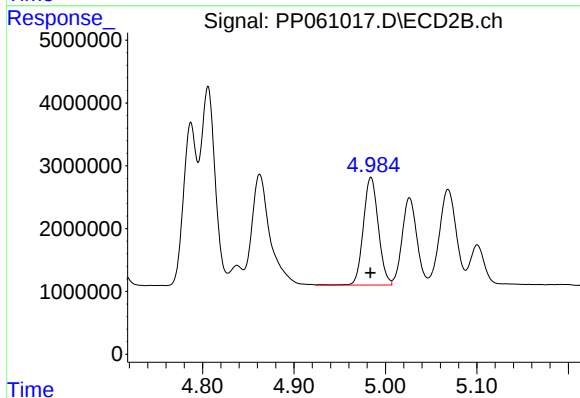
R.T.: 4.806 min
Delta R.T.: 0.000 min
Response: 34329721
Conc: 1038.09 ng/ml



#13 AR-1232-3

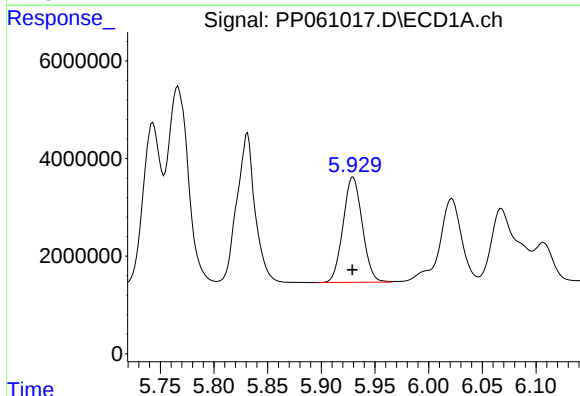
R.T.: 5.766 min
Delta R.T.: 0.001 min
Response: 53685434
Conc: 1143.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



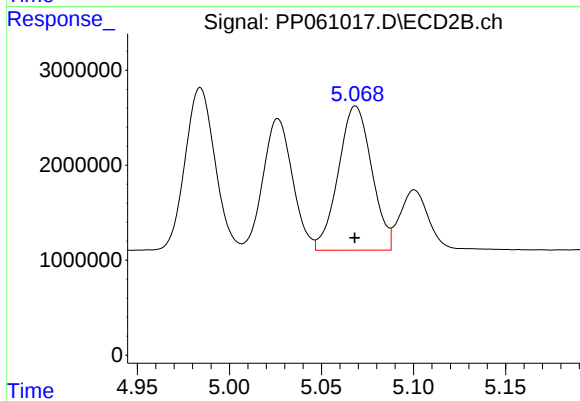
#13 AR-1232-3

R.T.: 4.984 min
Delta R.T.: 0.000 min
Response: 19491154
Conc: 1051.83 ng/ml



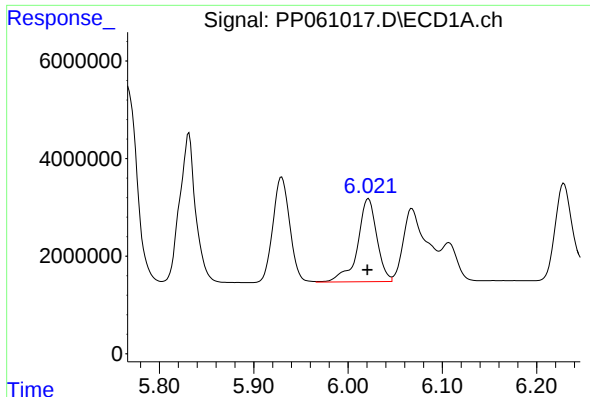
#14 AR-1232-4

R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 26823007
Conc: 1146.47 ng/ml



#14 AR-1232-4

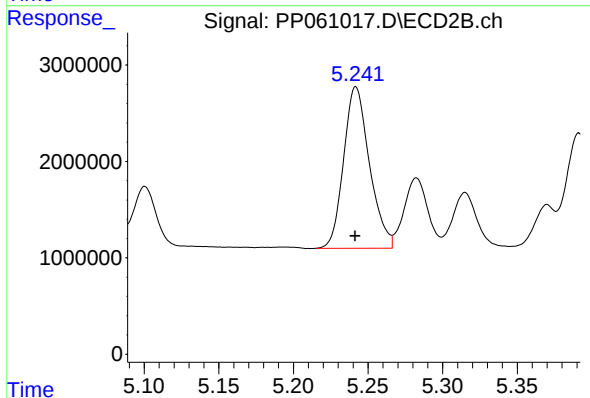
R.T.: 5.068 min
Delta R.T.: 0.000 min
Response: 19173961
Conc: 1141.40 ng/ml



#15 AR-1232-5

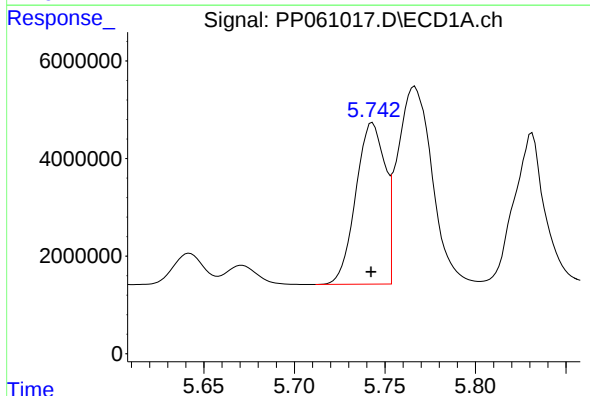
R.T.: 6.022 min
Delta R.T.: 0.001 min
Response: 24158822
Conc: 1239.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



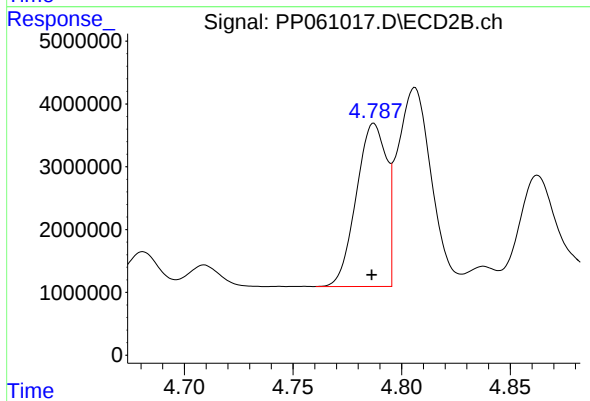
#15 AR-1232-5

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 20170080
Conc: 1073.75 ng/ml



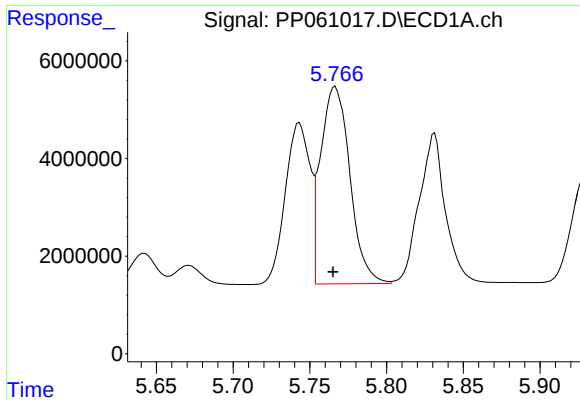
#16 AR-1242-1

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 37026352
Conc: 659.09 ng/ml



#16 AR-1242-1

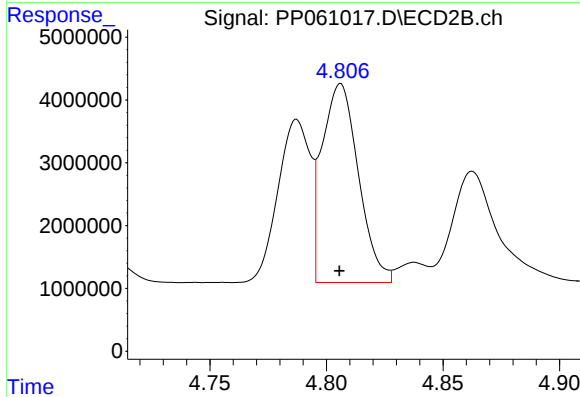
R.T.: 4.787 min
Delta R.T.: 0.000 min
Response: 25046068
Conc: 620.45 ng/ml



#17 AR-1242-2

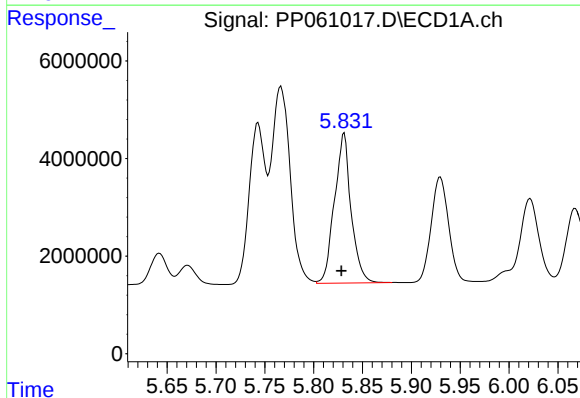
R.T.: 5.766 min
Delta R.T.: 0.001 min
Response: 53685434
Conc: 674.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



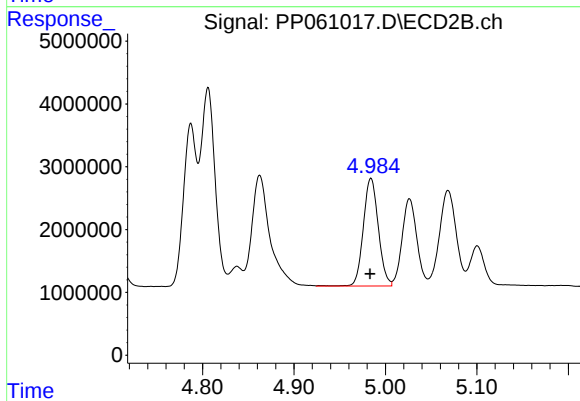
#17 AR-1242-2

R.T.: 4.806 min
Delta R.T.: 0.000 min
Response: 34329721
Conc: 627.00 ng/ml



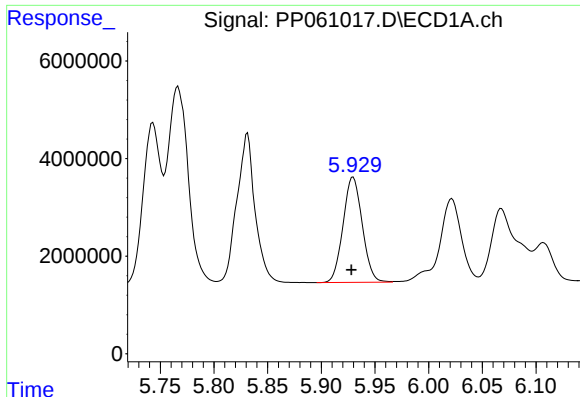
#18 AR-1242-3

R.T.: 5.831 min
Delta R.T.: 0.003 min
Response: 36357026
Conc: 732.35 ng/ml



#18 AR-1242-3

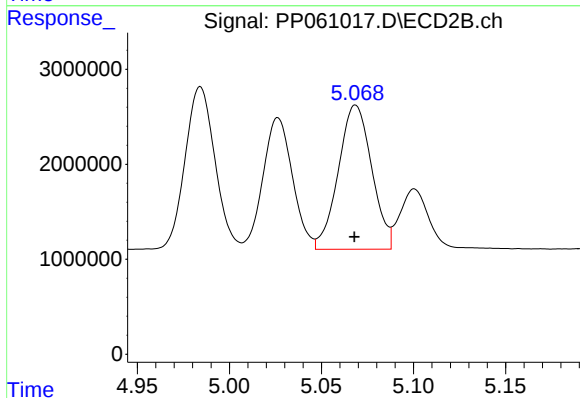
R.T.: 4.984 min
Delta R.T.: 0.000 min
Response: 19491154
Conc: 627.43 ng/ml



#19 AR-1242-4

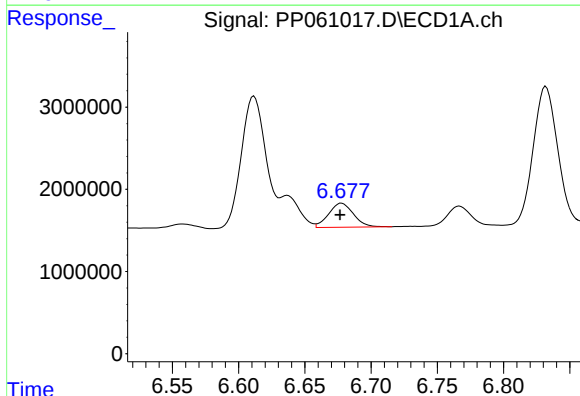
R.T.: 5.930 min
Delta R.T.: 0.001 min
Response: 26823007
Conc: 671.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



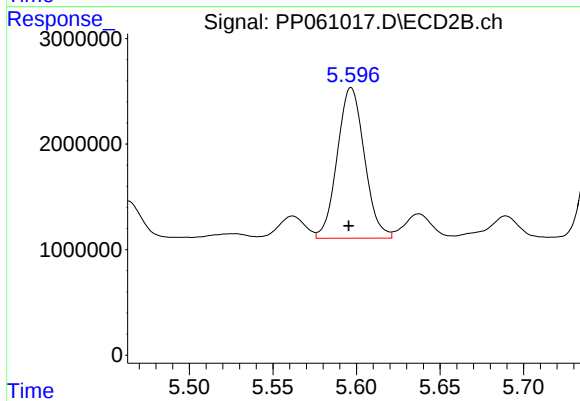
#19 AR-1242-4

R.T.: 5.068 min
Delta R.T.: 0.000 min
Response: 19173961
Conc: 610.29 ng/ml



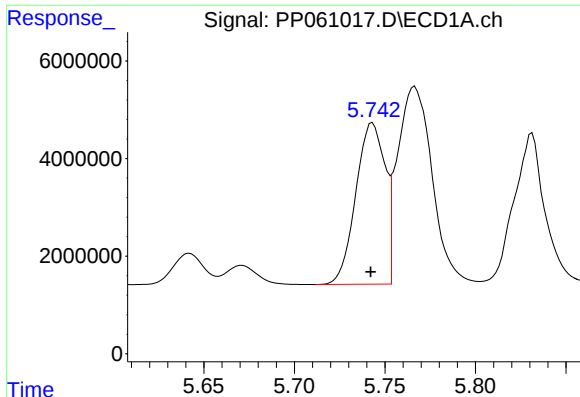
#20 AR-1242-5

R.T.: 6.678 min
Delta R.T.: 0.001 min
Response: 3823428
Conc: 94.23 ng/ml



#20 AR-1242-5

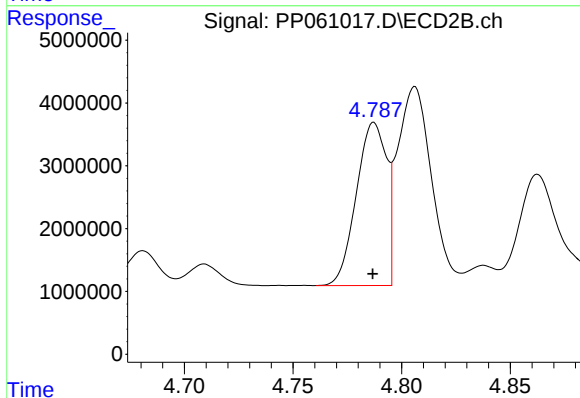
R.T.: 5.597 min
Delta R.T.: 0.002 min
Response: 16133258
Conc: 412.61 ng/ml



#21 AR-1248-1

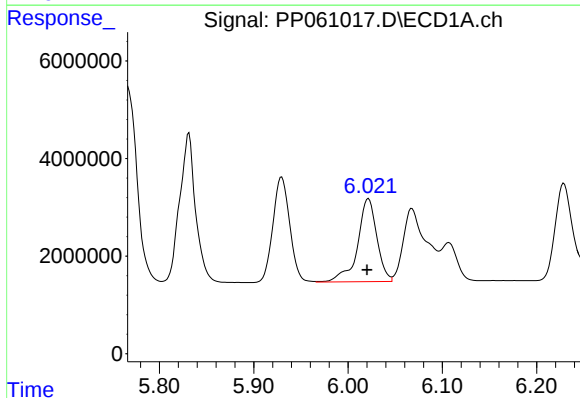
R.T.: 5.743 min
Delta R.T.: 0.001 min
Response: 37026352
Conc: 852.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



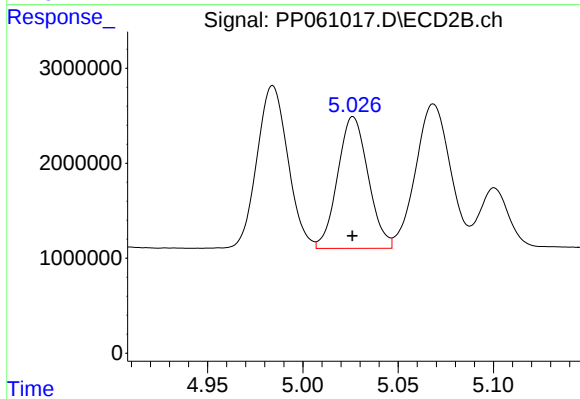
#21 AR-1248-1

R.T.: 4.787 min
Delta R.T.: 0.000 min
Response: 25046068
Conc: 811.23 ng/ml



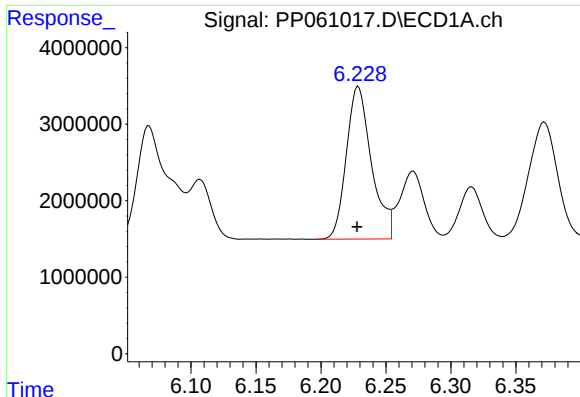
#22 AR-1248-2

R.T.: 6.022 min
Delta R.T.: 0.001 min
Response: 24158822
Conc: 373.63 ng/ml



#22 AR-1248-2

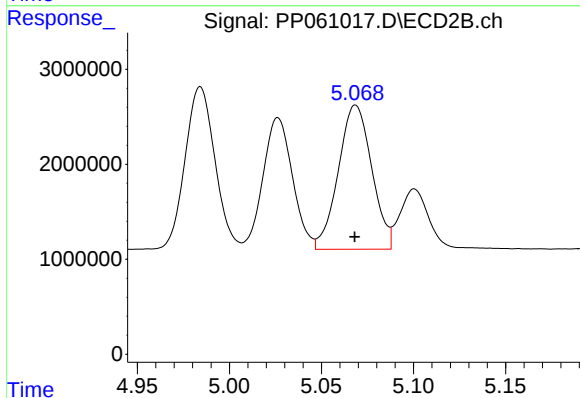
R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 15473678
Conc: 353.22 ng/ml



#23 AR-1248-3

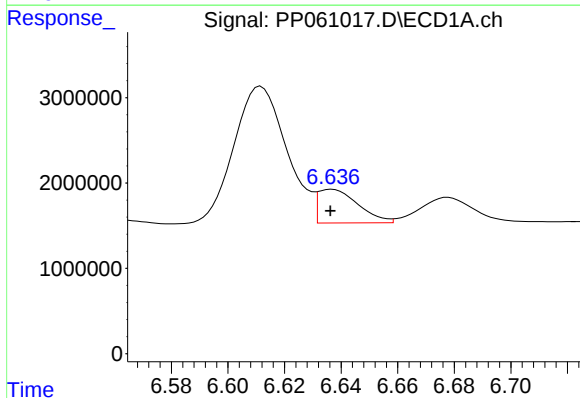
R.T.: 6.229 min
Delta R.T.: 0.001 min
Response: 26766330
Conc: 381.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



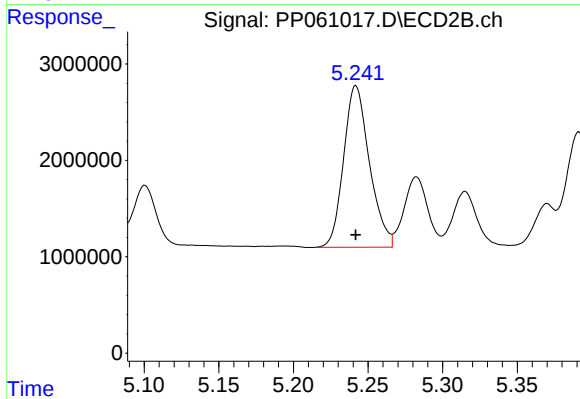
#23 AR-1248-3

R.T.: 5.068 min
Delta R.T.: 0.000 min
Response: 19173961
Conc: 413.63 ng/ml



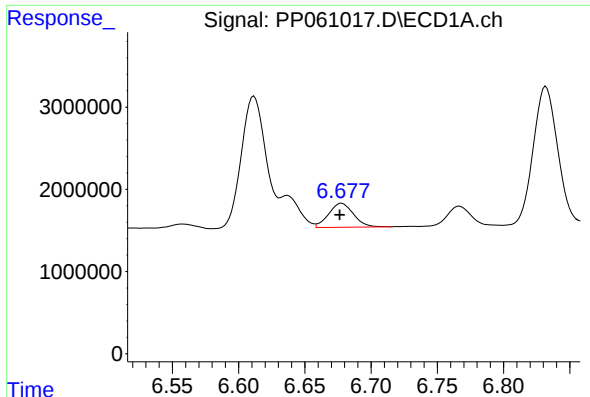
#24 AR-1248-4

R.T.: 6.637 min
Delta R.T.: 0.000 min
Response: 3878100
Conc: 50.76 ng/ml



#24 AR-1248-4

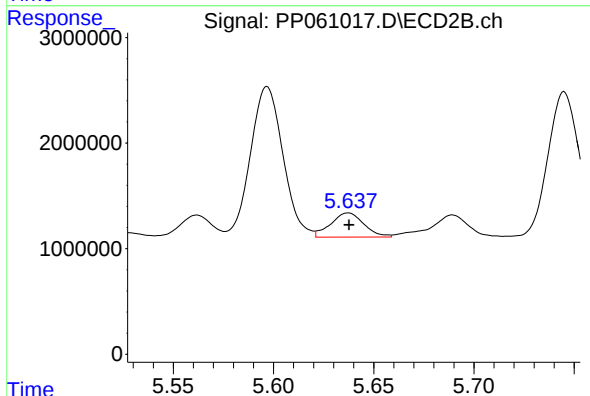
R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 20170080
Conc: 364.87 ng/ml



#25 AR-1248-5

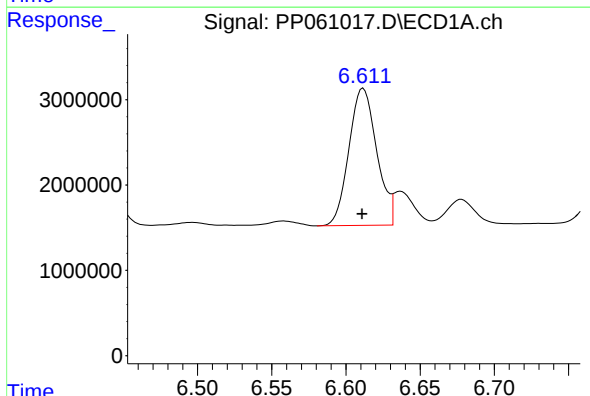
R.T.: 6.678 min
Delta R.T.: 0.002 min
Response: 3823428
Conc: 51.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



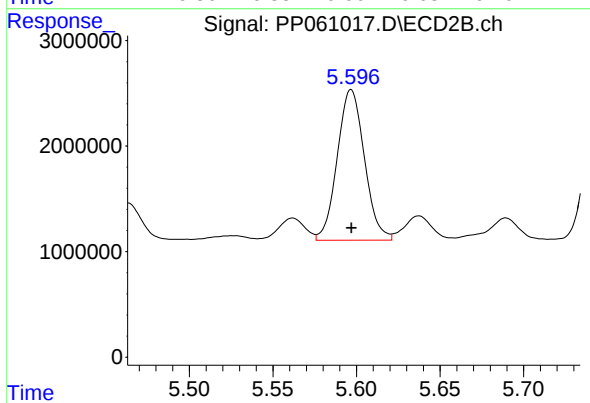
#25 AR-1248-5

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 2641892
Conc: 50.68 ng/ml



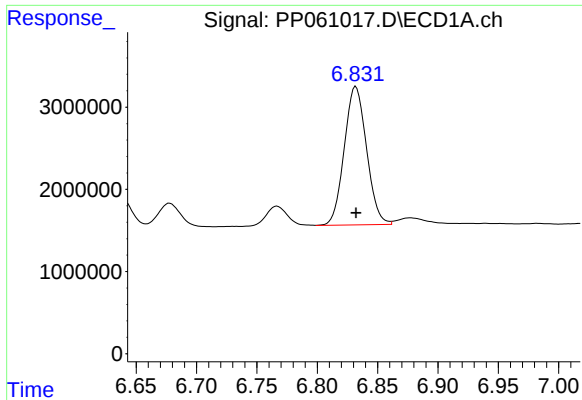
#26 AR-1254-1

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 20926914
Conc: 264.60 ng/ml



#26 AR-1254-1

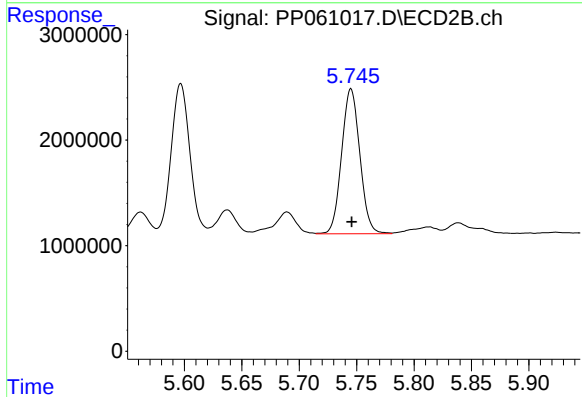
R.T.: 5.597 min
Delta R.T.: 0.000 min
Response: 16133258
Conc: 208.81 ng/ml



#27 AR-1254-2

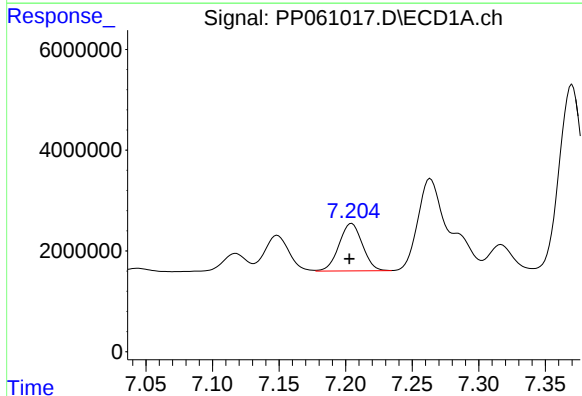
R.T.: 6.832 min
Delta R.T.: 0.000 min
Response: 21645145
Conc: 181.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



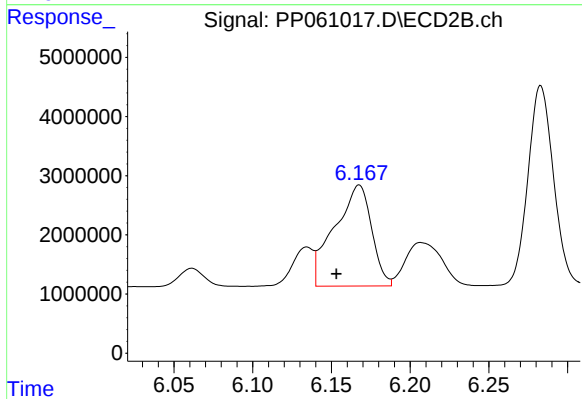
#27 AR-1254-2

R.T.: 5.745 min
Delta R.T.: 0.000 min
Response: 15232918
Conc: 219.85 ng/ml



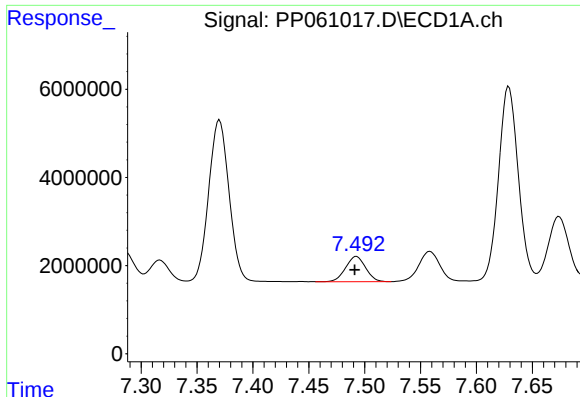
#28 AR-1254-3

R.T.: 7.205 min
Delta R.T.: 0.002 min
Response: 11500473
Conc: 94.00 ng/ml



#28 AR-1254-3

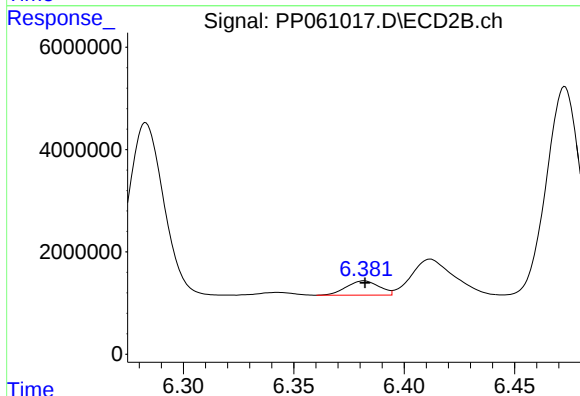
R.T.: 6.168 min
Delta R.T.: 0.015 min
Response: 27960215
Conc: 247.10 ng/ml



#29 AR-1254-4

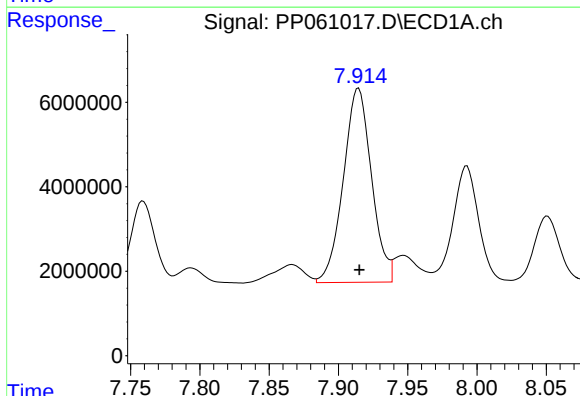
R.T.: 7.493 min
Delta R.T.: 0.002 min
Response: 7149525
Conc: 81.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



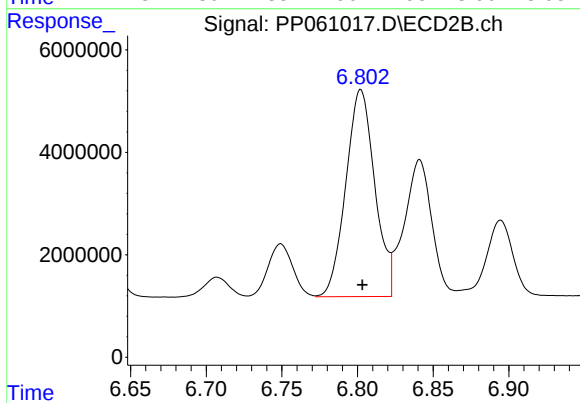
#29 AR-1254-4

R.T.: 6.382 min
Delta R.T.: 0.000 min
Response: 2914535
Conc: 42.42 ng/ml



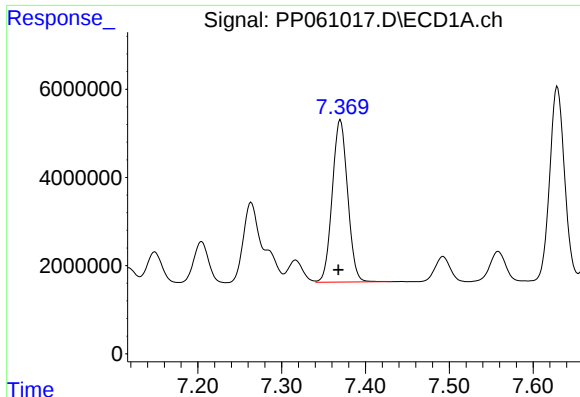
#30 AR-1254-5

R.T.: 7.915 min
Delta R.T.: 0.000 min
Response: 65138672
Conc: 655.98 ng/ml



#30 AR-1254-5

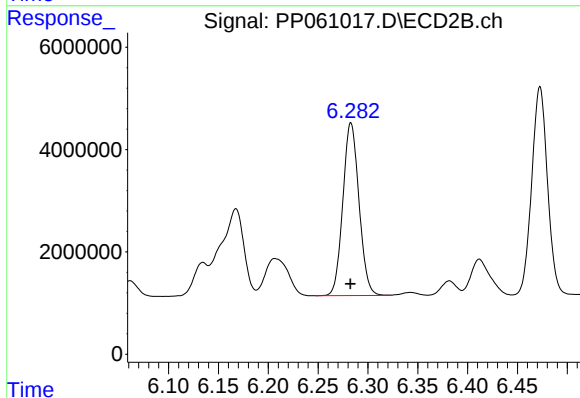
R.T.: 6.802 min
Delta R.T.: -0.001 min
Response: 53815040
Conc: 503.09 ng/ml



#31 AR-1260-1

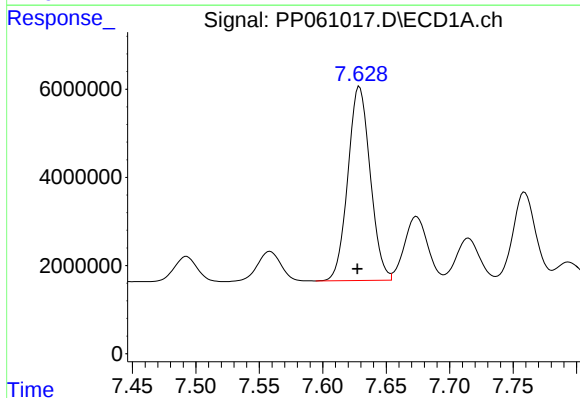
R.T.: 7.370 min
Delta R.T.: 0.002 min
Response: 46879853
Conc: 500.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



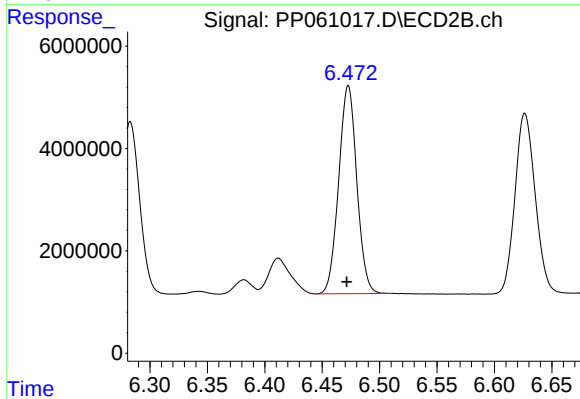
#31 AR-1260-1

R.T.: 6.283 min
Delta R.T.: 0.000 min
Response: 38151607
Conc: 461.04 ng/ml



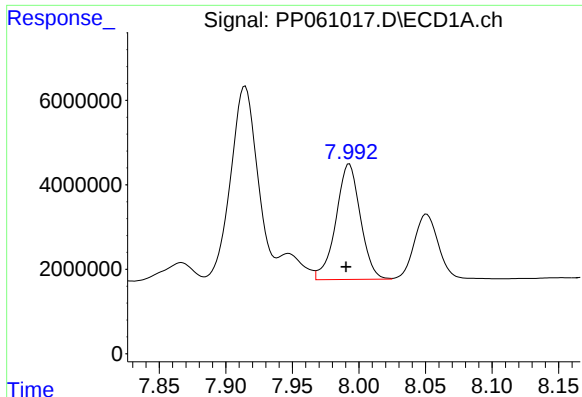
#32 AR-1260-2

R.T.: 7.629 min
Delta R.T.: 0.002 min
Response: 53902018
Conc: 496.48 ng/ml



#32 AR-1260-2

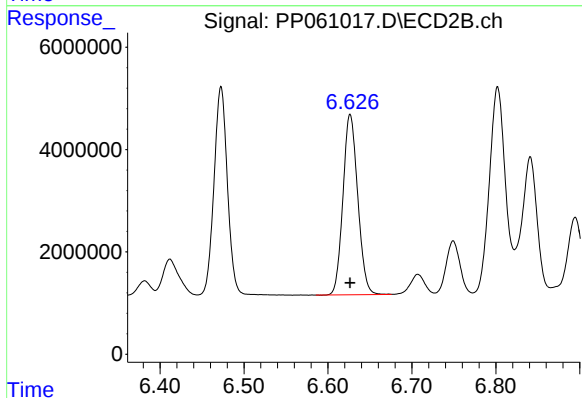
R.T.: 6.473 min
Delta R.T.: 0.001 min
Response: 44749884
Conc: 454.44 ng/ml



#33 AR-1260-3

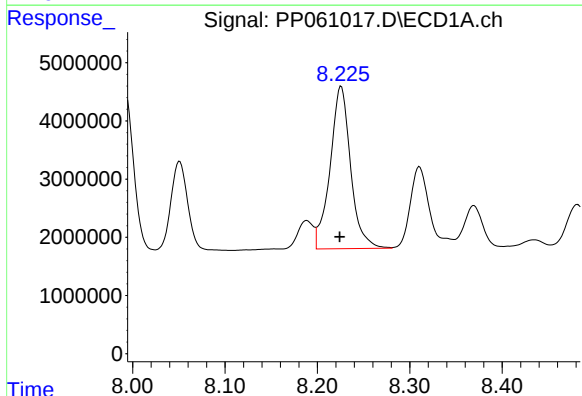
R.T.: 7.993 min
Delta R.T.: 0.002 min
Response: 34929801
Conc: 502.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



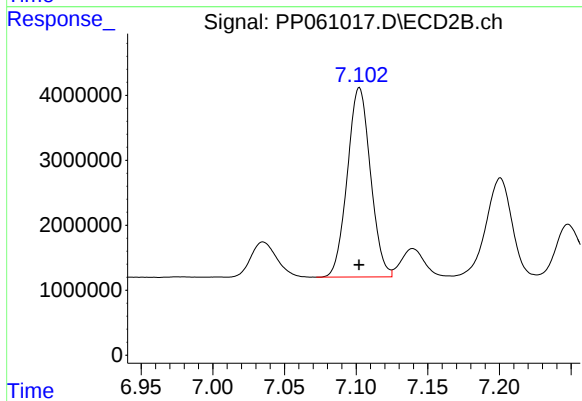
#33 AR-1260-3

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 43178661
Conc: 456.59 ng/ml



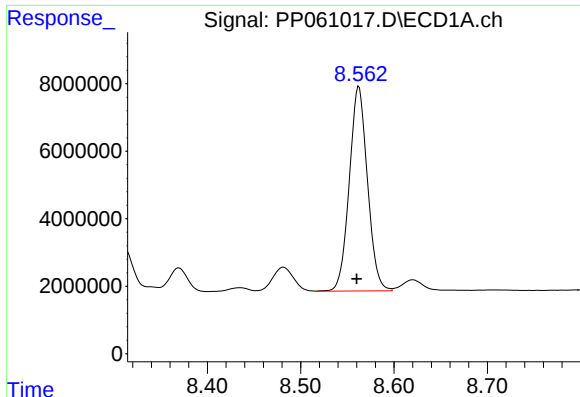
#34 AR-1260-4

R.T.: 8.226 min
Delta R.T.: 0.002 min
Response: 43190340
Conc: 506.29 ng/ml



#34 AR-1260-4

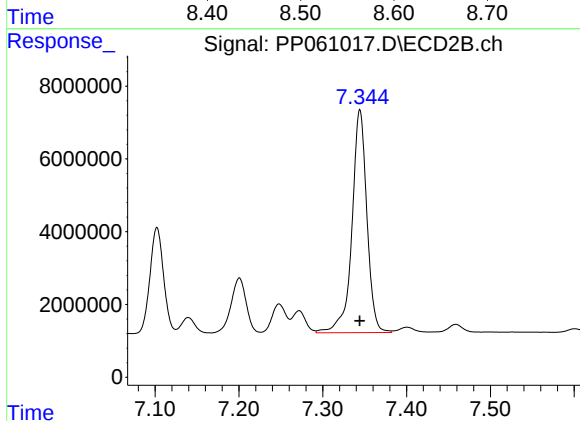
R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 32805936
Conc: 457.72 ng/ml



#35 AR-1260-5

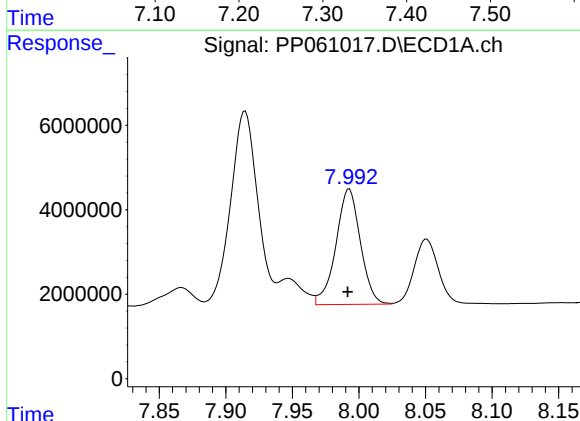
R.T.: 8.562 min
Delta R.T.: 0.002 min
Response: 81924545
Conc: 507.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



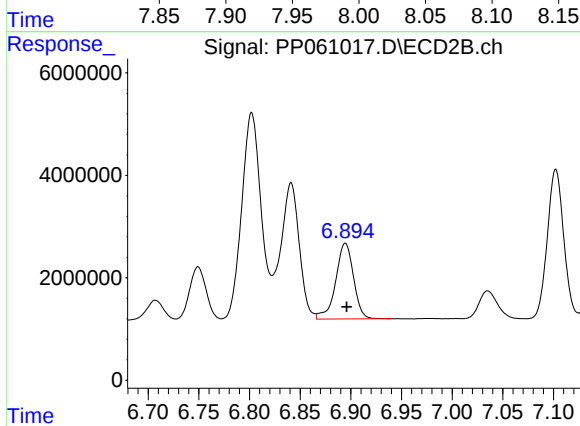
#35 AR-1260-5

R.T.: 7.344 min
Delta R.T.: 0.000 min
Response: 76023705
Conc: 453.28 ng/ml



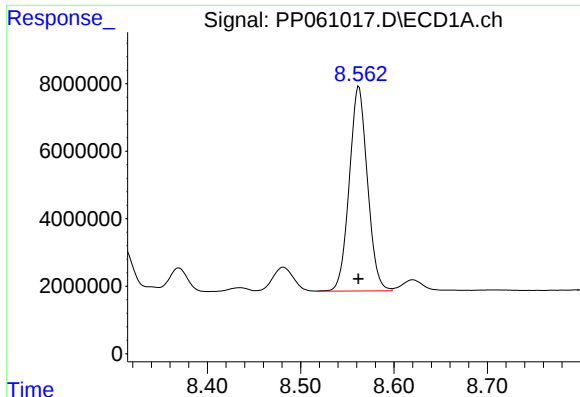
#36 AR-1262-1

R.T.: 7.993 min
Delta R.T.: 0.001 min
Response: 34929801
Conc: 278.10 ng/ml



#36 AR-1262-1

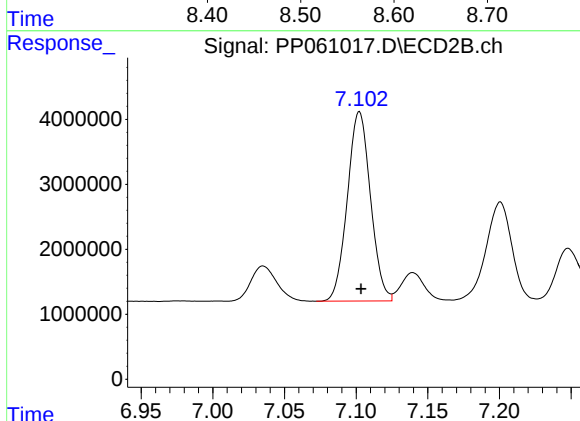
R.T.: 6.895 min
Delta R.T.: -0.002 min
Response: 18188862
Conc: 381.56 ng/ml



#37 AR-1262-2

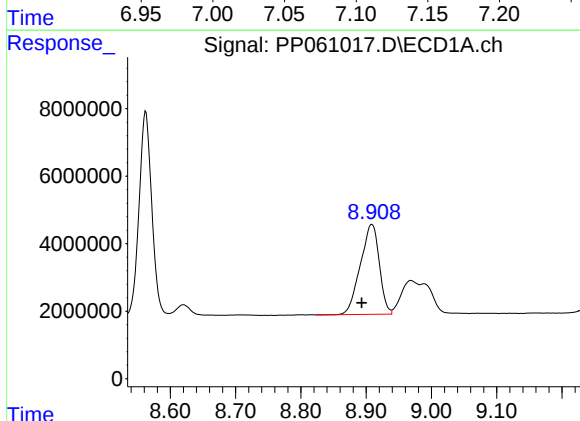
R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 81924545
Conc: 370.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



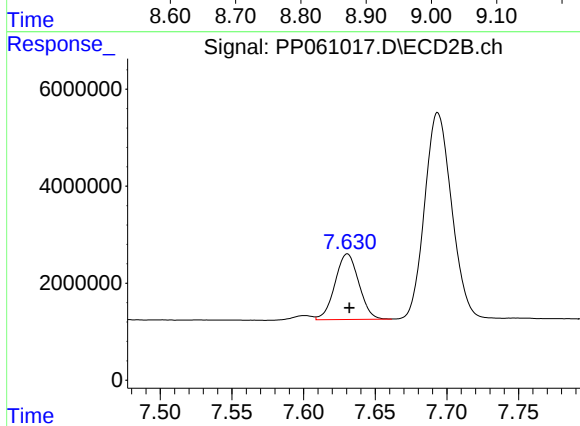
#37 AR-1262-2

R.T.: 7.102 min
Delta R.T.: -0.001 min
Response: 32805936
Conc: 311.47 ng/ml



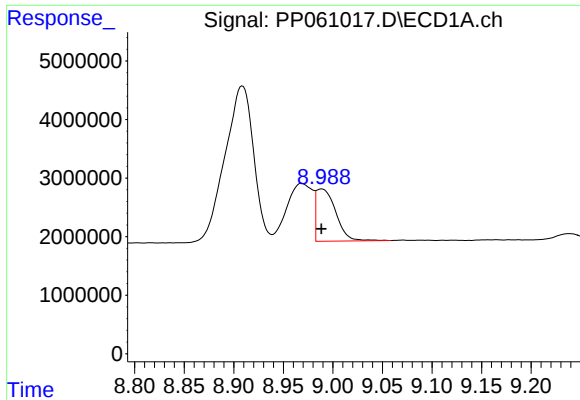
#38 AR-1262-3

R.T.: 8.909 min
Delta R.T.: 0.016 min
Response: 53761546
Conc: 358.00 ng/ml



#38 AR-1262-3

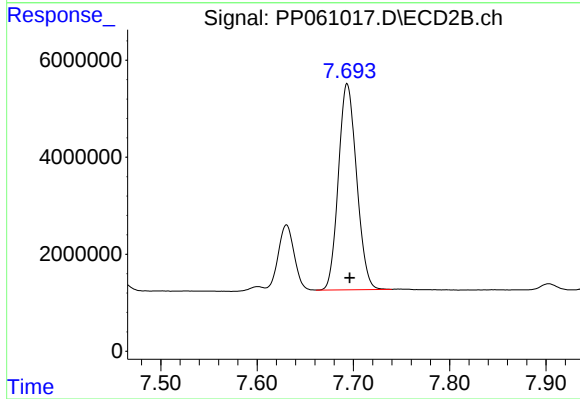
R.T.: 7.631 min
Delta R.T.: -0.001 min
Response: 15678402
Conc: 187.28 ng/ml



#39 AR-1262-4

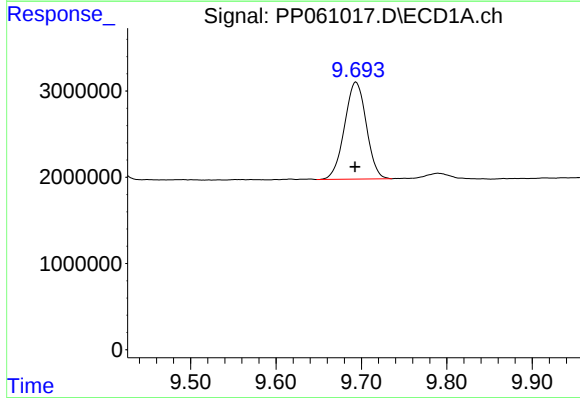
R.T.: 8.989 min
Delta R.T.: 0.000 min
Response: 12285070
Conc: 108.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



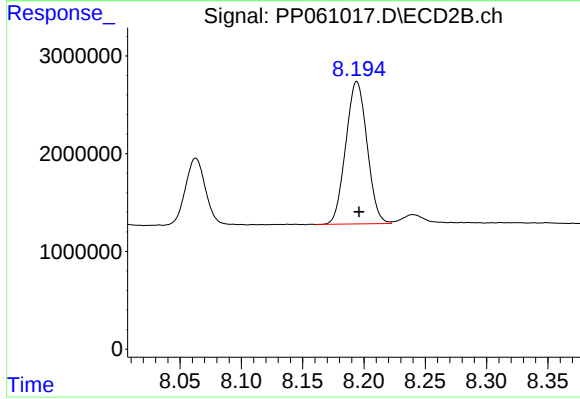
#39 AR-1262-4

R.T.: 7.694 min
Delta R.T.: -0.003 min
Response: 55746434
Conc: 368.66 ng/ml



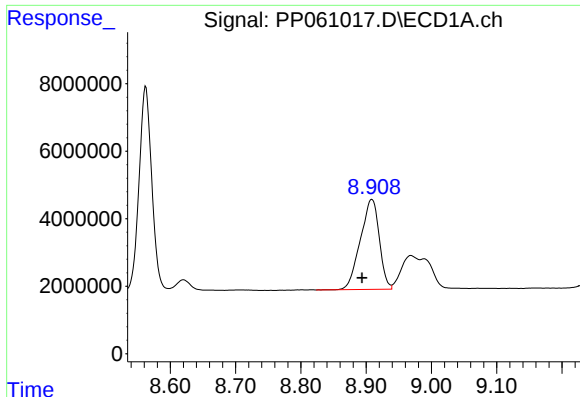
#40 AR-1262-5

R.T.: 9.694 min
Delta R.T.: 0.001 min
Response: 19943232
Conc: 265.05 ng/ml



#40 AR-1262-5

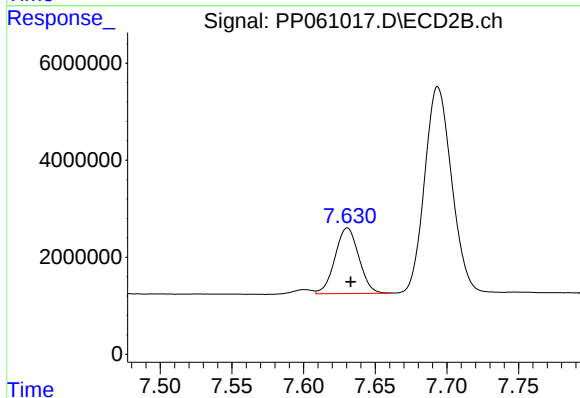
R.T.: 8.194 min
Delta R.T.: -0.002 min
Response: 17603579
Conc: 248.72 ng/ml



#41 AR-1268-1

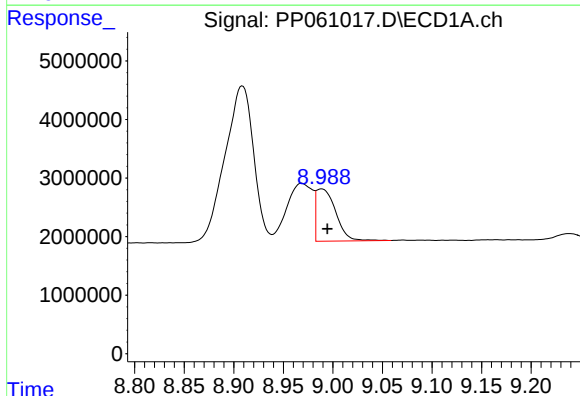
R.T.: 8.909 min
Delta R.T.: 0.015 min
Response: 53761546
Conc: 206.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



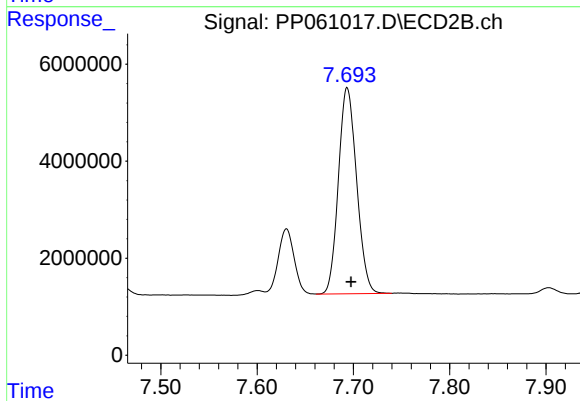
#41 AR-1268-1

R.T.: 7.631 min
Delta R.T.: -0.002 min
Response: 15678402
Conc: 65.35 ng/ml



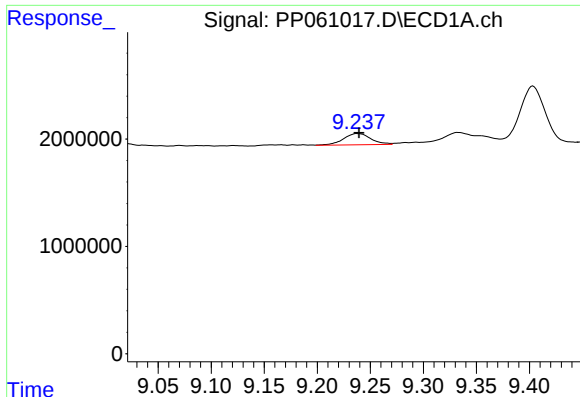
#42 AR-1268-2

R.T.: 8.989 min
Delta R.T.: -0.005 min
Response: 12285070
Conc: 52.39 ng/ml



#42 AR-1268-2

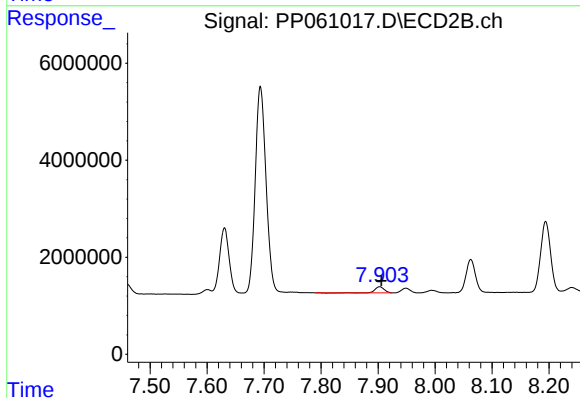
R.T.: 7.694 min
Delta R.T.: -0.004 min
Response: 55746434
Conc: 259.82 ng/ml



#43 AR-1268-3

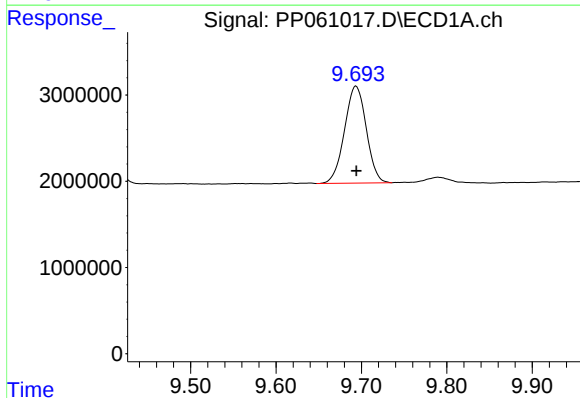
R.T.: 9.238 min
Delta R.T.: -0.002 min
Response: 1860935
Conc: 9.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



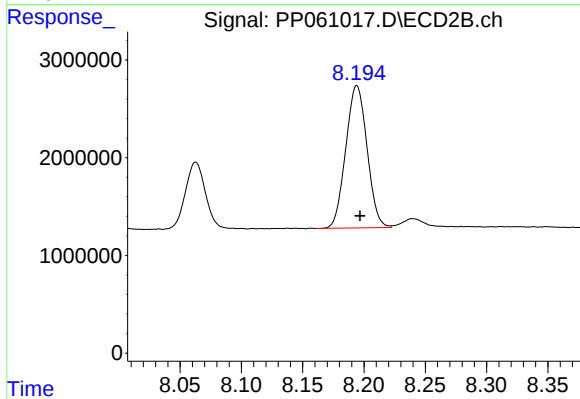
#43 AR-1268-3

R.T.: 7.903 min
Delta R.T.: -0.003 min
Response: 1336899
Conc: 7.06 ng/ml



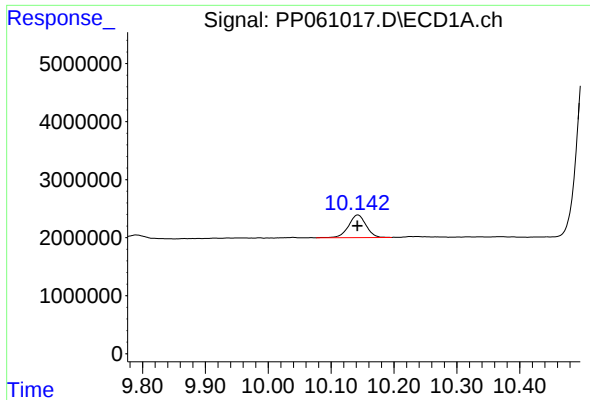
#44 AR-1268-4

R.T.: 9.694 min
Delta R.T.: 0.000 min
Response: 19943232
Conc: 247.60 ng/ml



#44 AR-1268-4

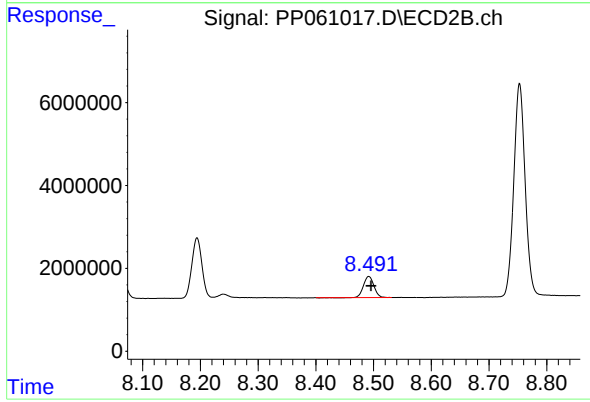
R.T.: 8.194 min
Delta R.T.: -0.002 min
Response: 17603579
Conc: 229.73 ng/ml



#45 AR-1268-5

R.T.: 10.142 min
Delta R.T.: 0.000 min
Response: 7570615
Conc: 11.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.492 min
Delta R.T.: -0.004 min
Response: 6437096
Conc: 11.66 ng/ml